Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
Data File : BE100690.D
Acq On : 29 Oct 2019 1:14
Operator : JU
Sample : K5531-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :**

Quant Time: Oct 29 11:54:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.85 | 152 | 2094 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.63 | 136 | 9076 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.47 | 164 | 5665 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.19 | 188 | 13728 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.35 | 240 | 17978 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.82 | 264 | 20780 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.44 | 112 | 3189 | 0.49 | ng | | 0.00 |
| 5) Phenol-d6 | 7.01 | 99 | 3104 | 0.34 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.99 | 82 | 4587 | 0.82 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 9413 | 0.66 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.94 | 330 | 377 | 0.25 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.10 | 172 | 14220 | 0.69 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.21 | 212 | 139978 | 0.79 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.81 | 244 | 33276 | 0.85 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.38 | 88 | 5946 | 1.591 | ng | # | 73 |
| 23) Phenanthrene | 17.23 | 178 | 1384 | 0.037 | ng | | 97 |
| 26) Fluoranthene | 19.24 | 202 | 1210 | 0.025 | ng | # | 63 |
| 28) Pyrene | 19.60 | 202 | 1176 | 0.023 | ng | # | 92 |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 43137 | 0.352 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 23.12 | 252 | 2164 | 0.035 | ng | # | 1 |

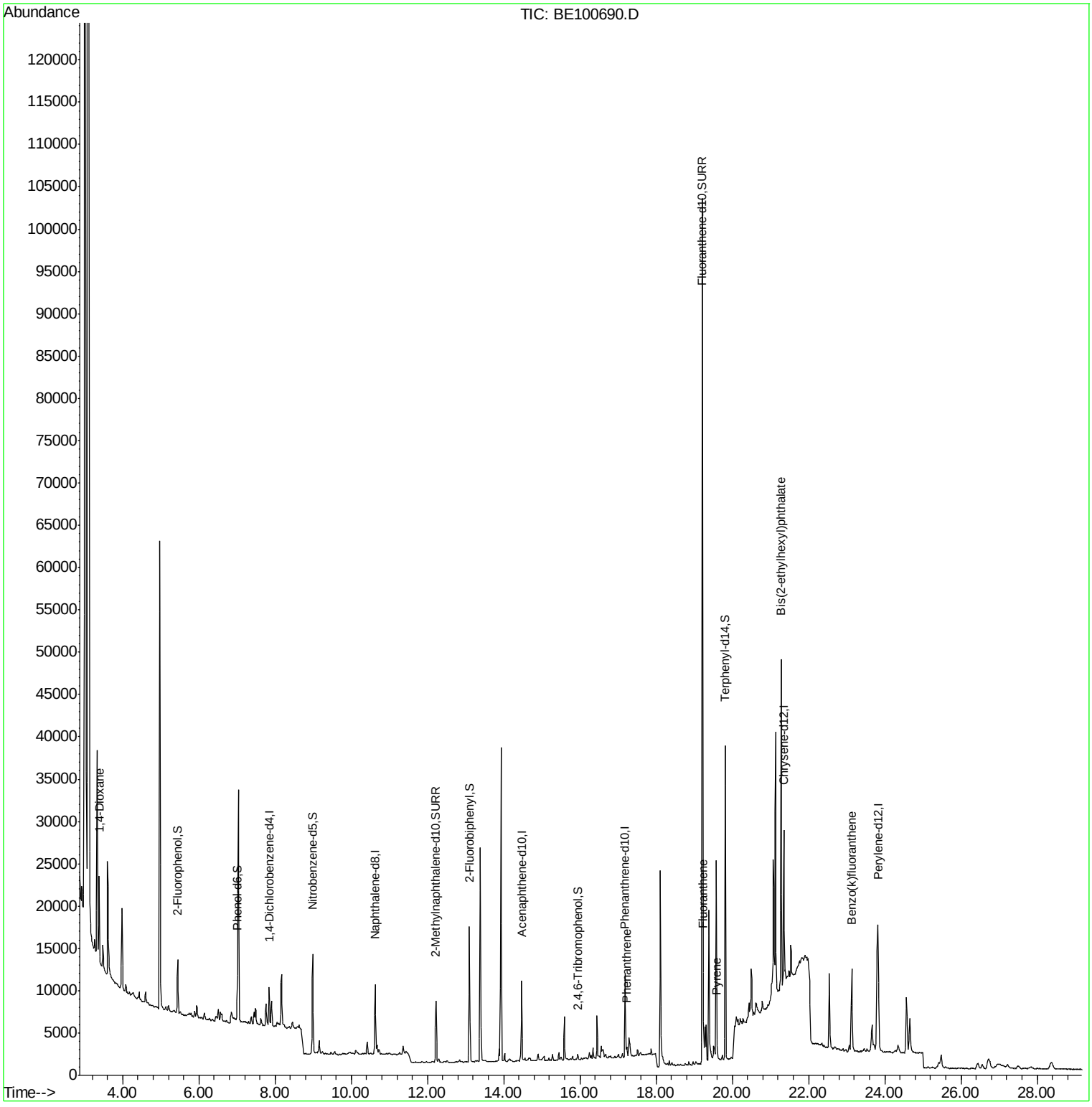
(#) = qualifier out of range (m) = manual integration (+) = signals summed

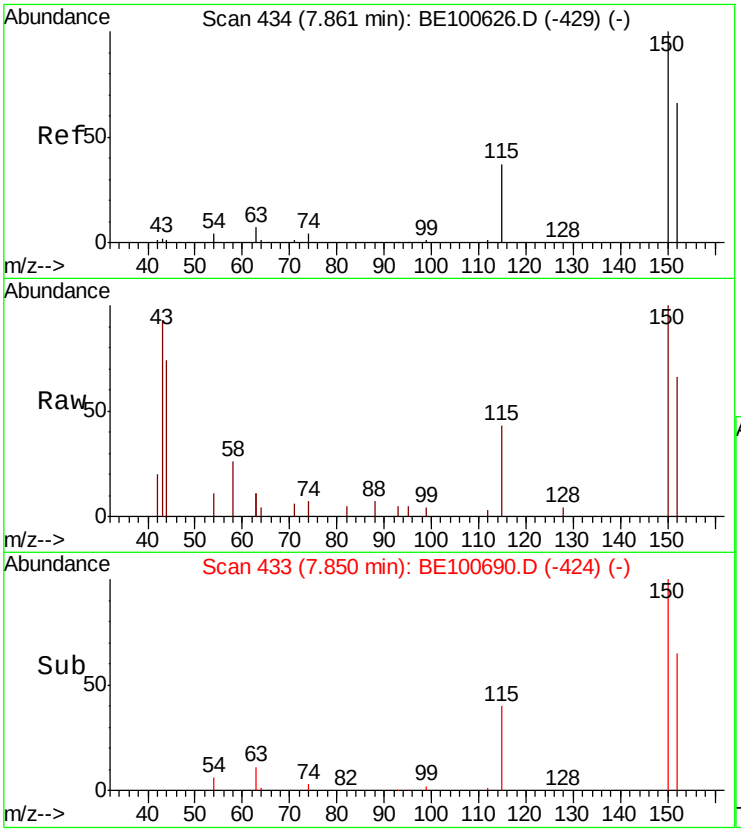
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102819\
Data File : BE100690.D
Acq On : 29 Oct 2019 1:14
Operator : JU
Sample : K5531-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**

Quant Time: Oct 29 11:54:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 16:49:33 2019
Response via : Initial Calibration



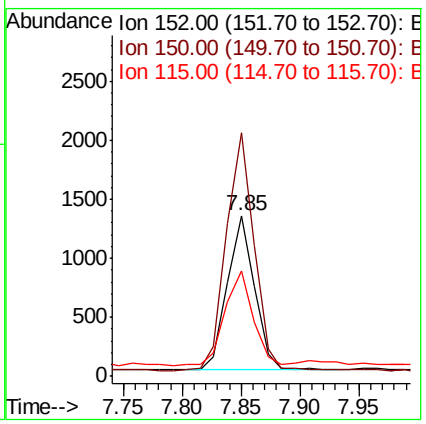


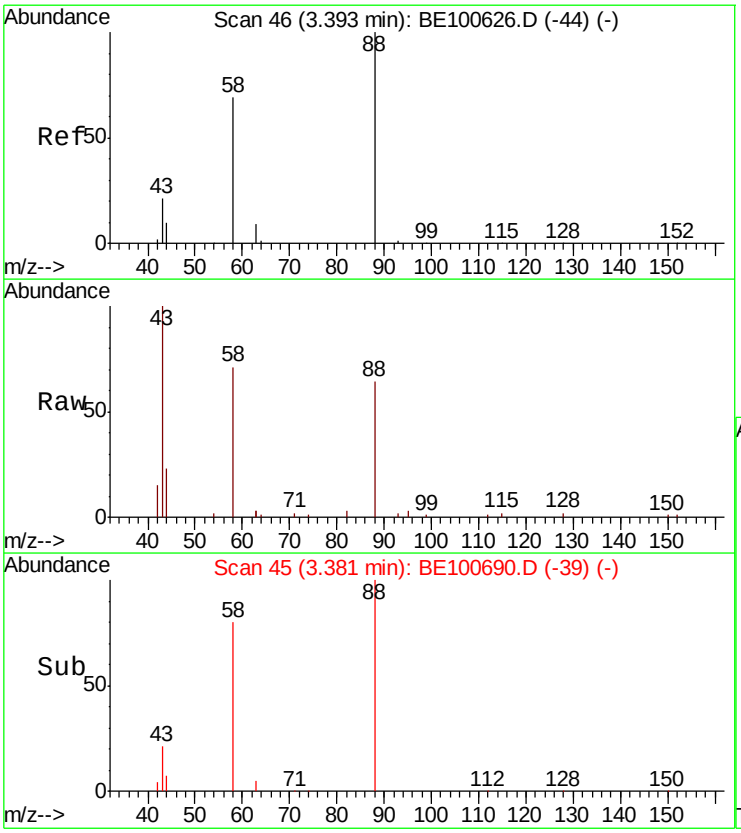

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.00 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:152 Resp: 2094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.4 | 123.3 | 184.9 |
| 115 | 65.6 | 51.9 | 77.9 |

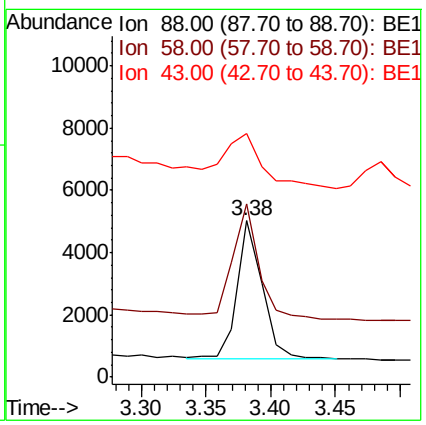


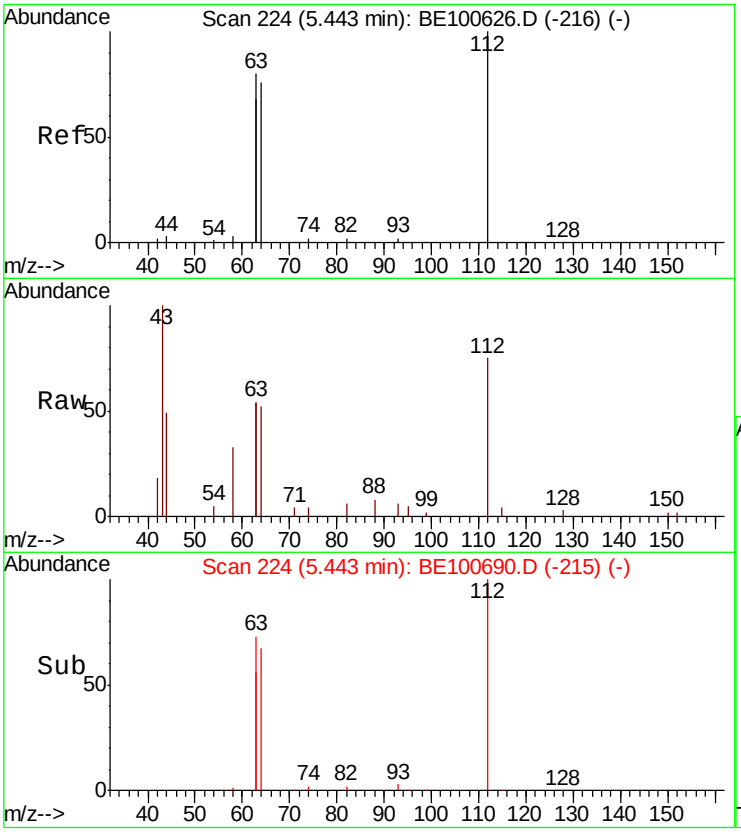




#2
1,4-Dioxane
Concen: 1.591 ng
RT: 3.38 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

Tgt Ion: 88 Resp: 5946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 87.2 | 59.8 | 89.6 |
| 43 | 62.4 | 24.6 | 36.8# |



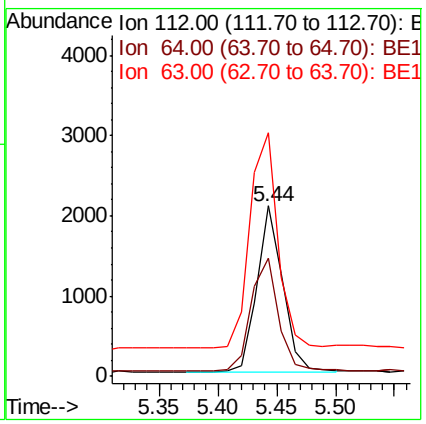


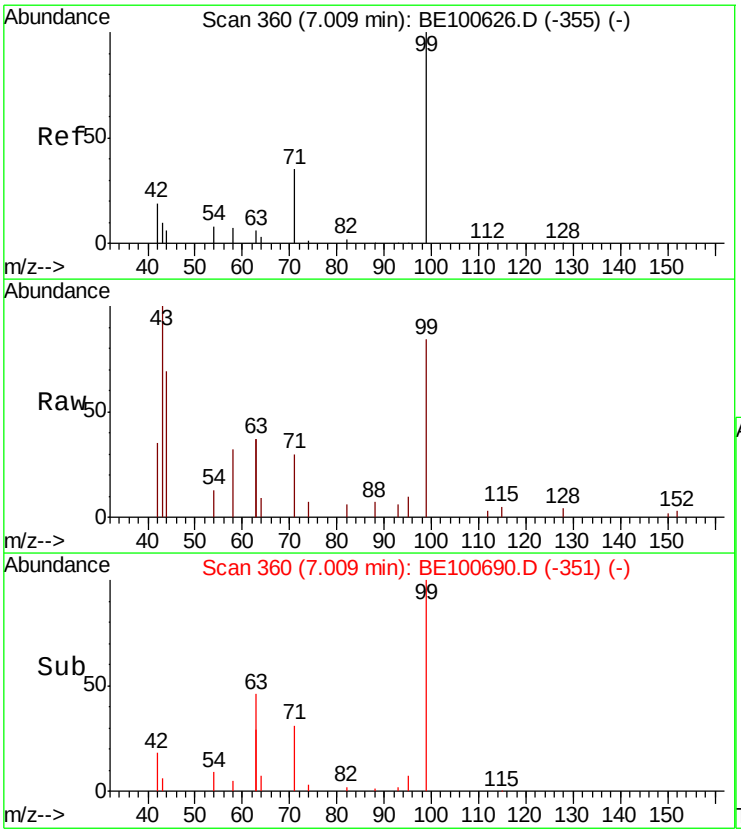

#4
2-Fluorophenol
Concen: 0.493 ng
RT: 5.44 min Scan# 224
Delta R.T. -0.00 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:112 Resp: 3189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.5 | 55.4 | 83.2 |
| 63 | 139.4 | 114.2 | 171.4 |

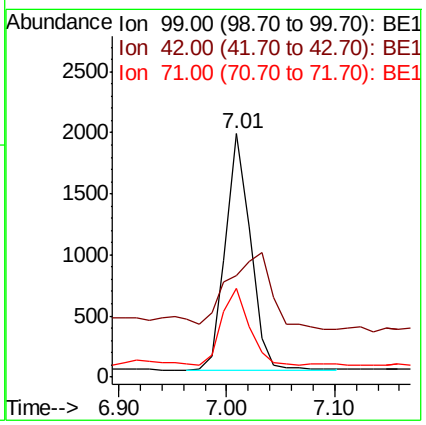


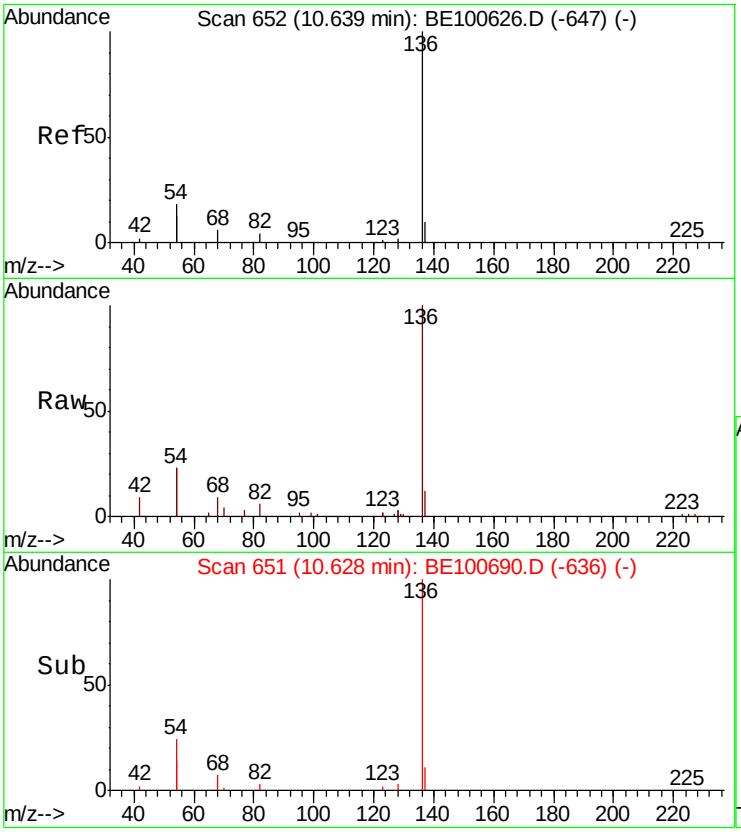




#5
Phenol-d6
Concen: 0.340 ng
RT: 7.01 min Scan# 360
Delta R.T. -0.00 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

Tgt Ion: 99 Resp: 3104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 0.0 | 17.7 | 26.5# |
| 71 | 35.1 | 27.4 | 41.0 |



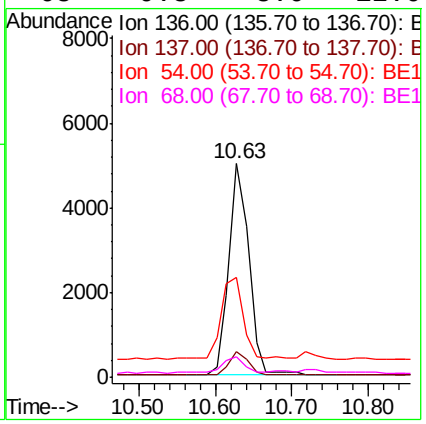


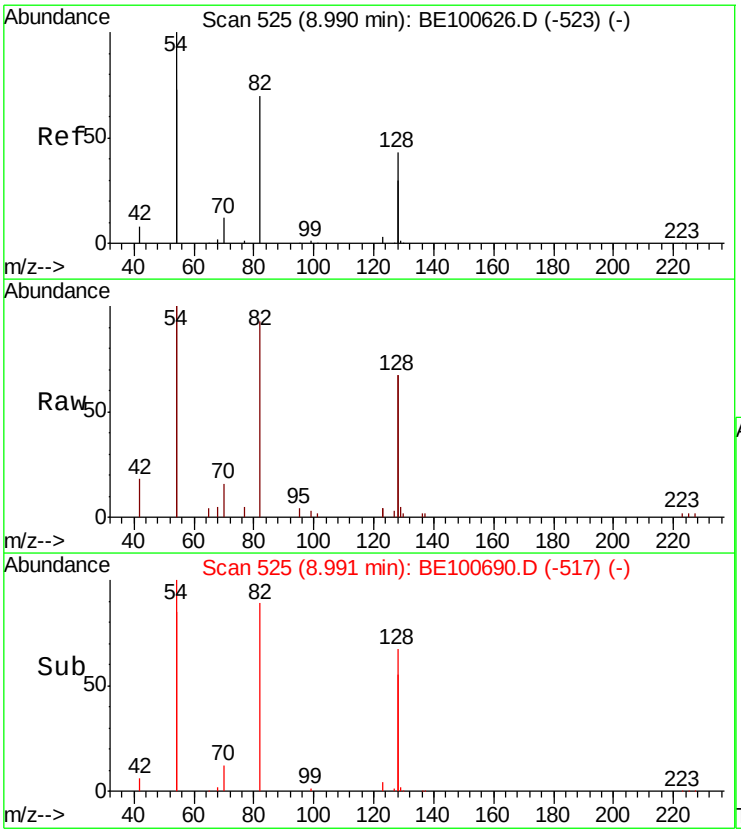

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.63 min Scan# 651
Delta R.T. -0.00 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:136 Resp: 9076

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.9 | 9.2 | 13.8 |
| 54 | 46.8 | 39.4 | 59.2 |
| 68 | 9.3 | 8.0 | 12.0 |

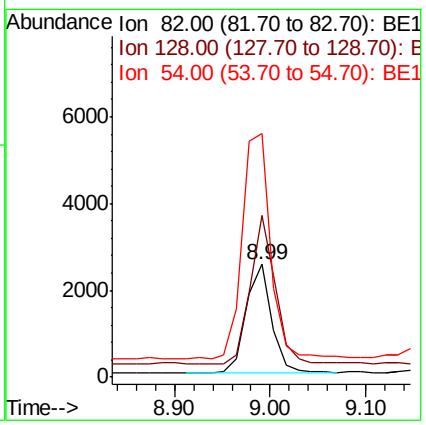


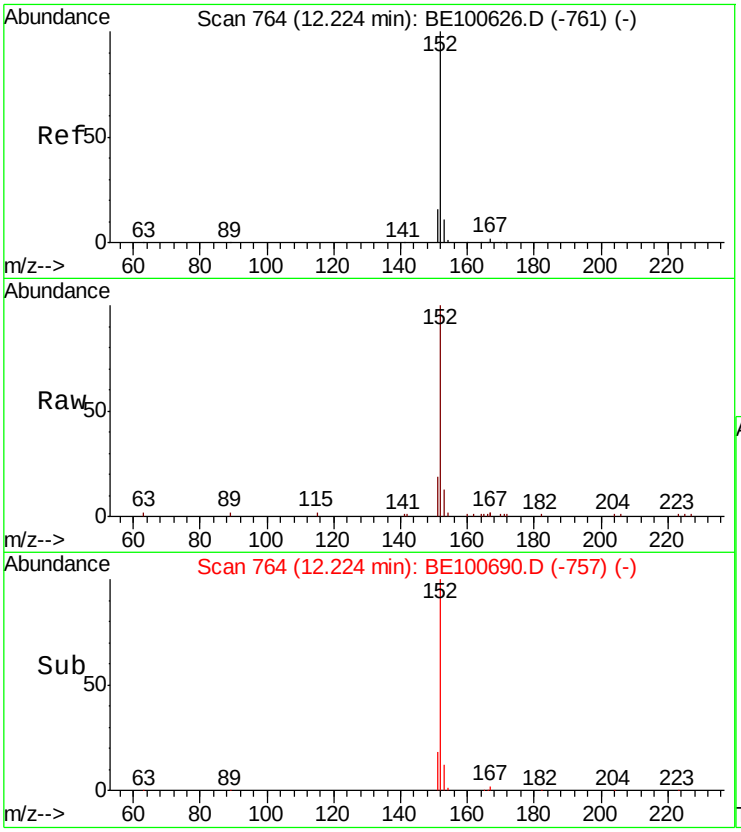




#8
Nitrobenzene-d5
Concen: 0.815 ng
RT: 8.99 min Scan# 525
Delta R.T. -0.00 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

Tgt Ion: 82 Resp: 4587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 143.4 | 107.8 | 161.8 |
| 54 | 215.7 | 166.1 | 249.1 |



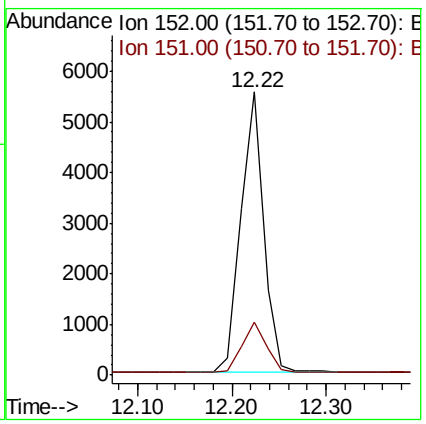


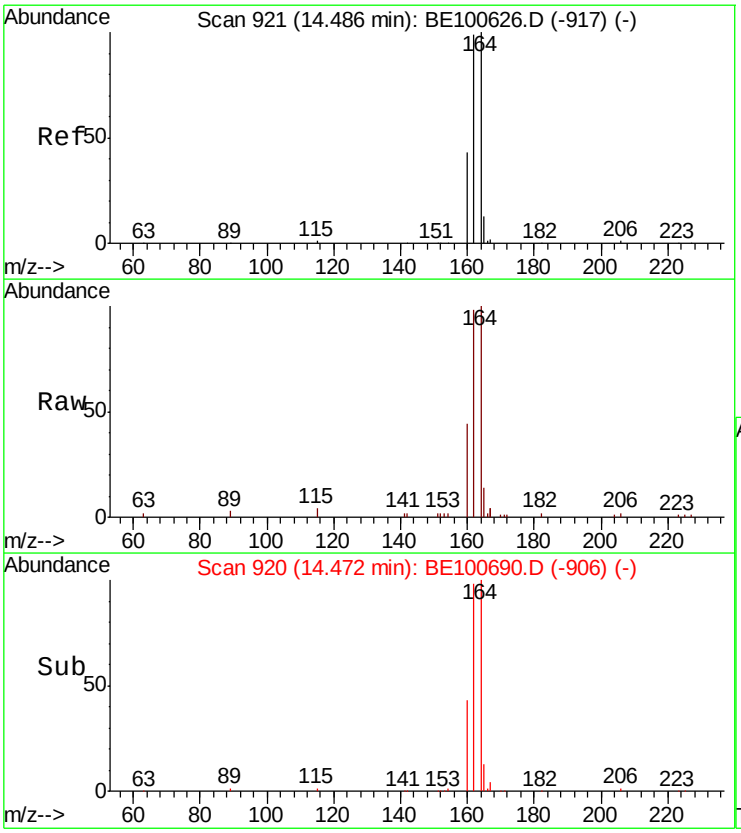

#11
2-Methylnaphthalene-d10
Concen: 0.658 ng
RT: 12.22 min Scan# 764
Delta R.T. -0.00 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:152 Resp: 9413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.0 | 14.7 | 22.1 |

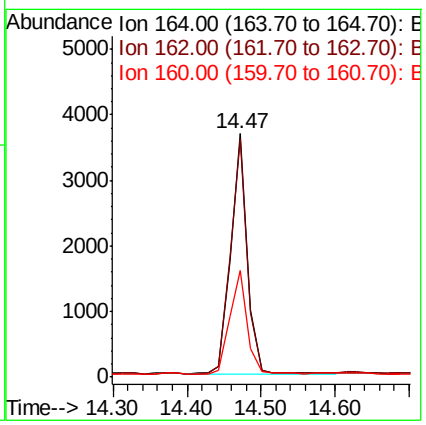


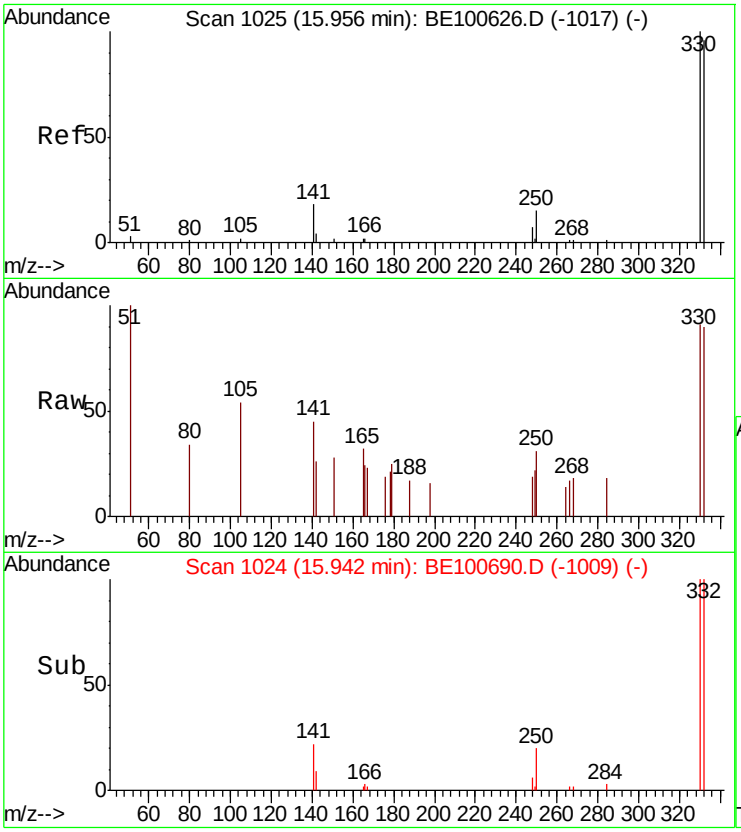




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

Tgt Ion:164 Resp: 5665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.1 | 82.0 | 123.0 |
| 160 | 43.8 | 37.5 | 56.3 |



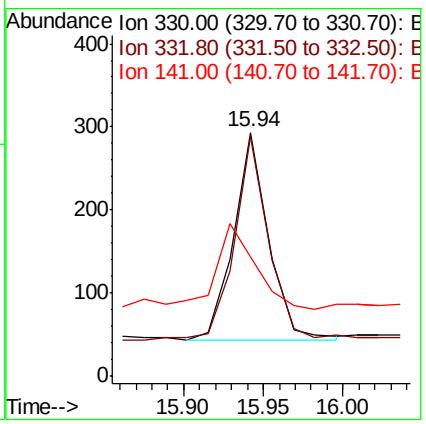


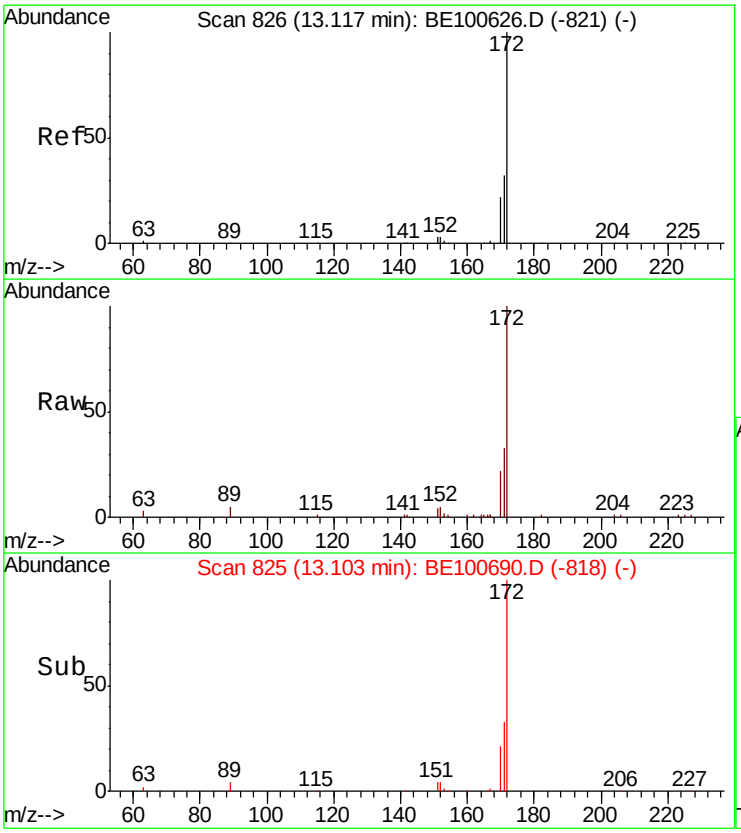

#14
2,4,6-Tribromophenol
Concen: 0.252 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:330 Resp: 377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 99.2 | 77.9 | 116.9 |
| 141 | 52.5 | 33.0 | 49.6# |

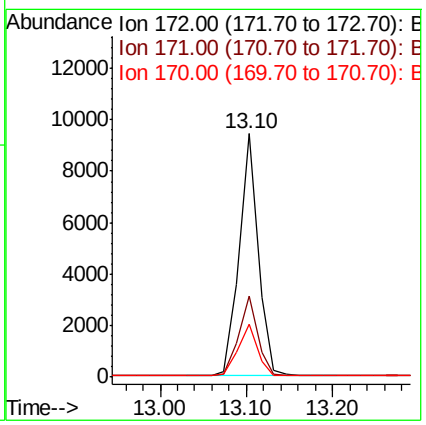


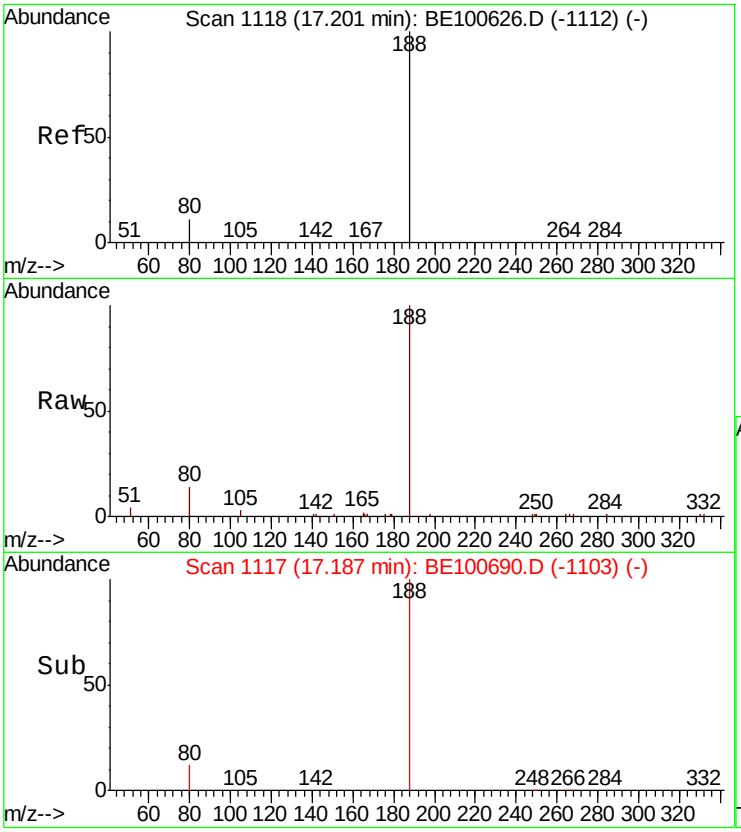




#15
2-Fluorobiphenyl
Concen: 0.689 ng
RT: 13.10 min Scan# 825
Delta R.T. -0.00 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

Tgt Ion:172 Resp: 14220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.1 | 26.5 | 39.7 |
| 170 | 21.6 | 19.0 | 28.4 |



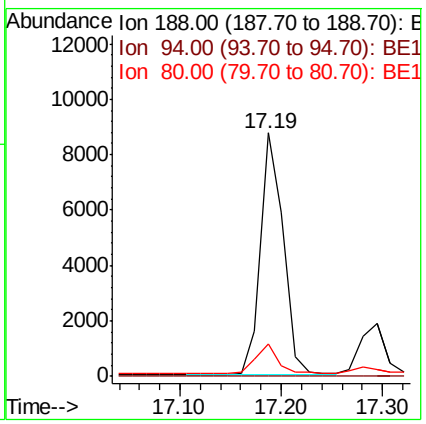


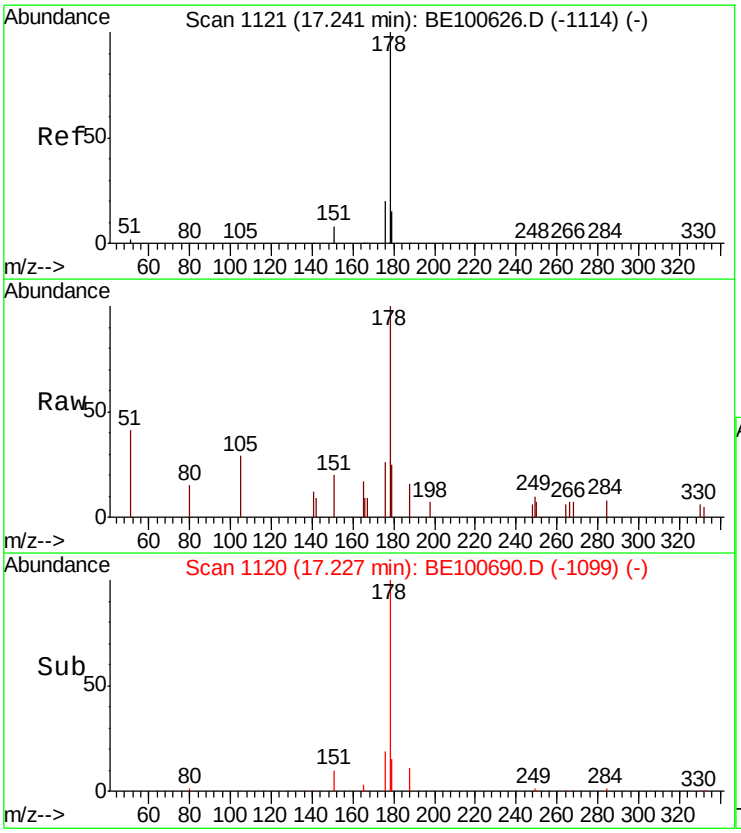

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:188 Resp: 13728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 13.5 | 5.4 | 8.0# |

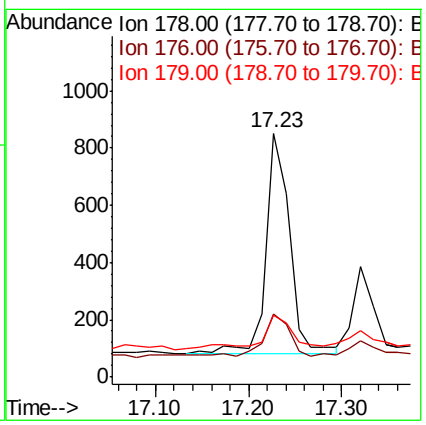


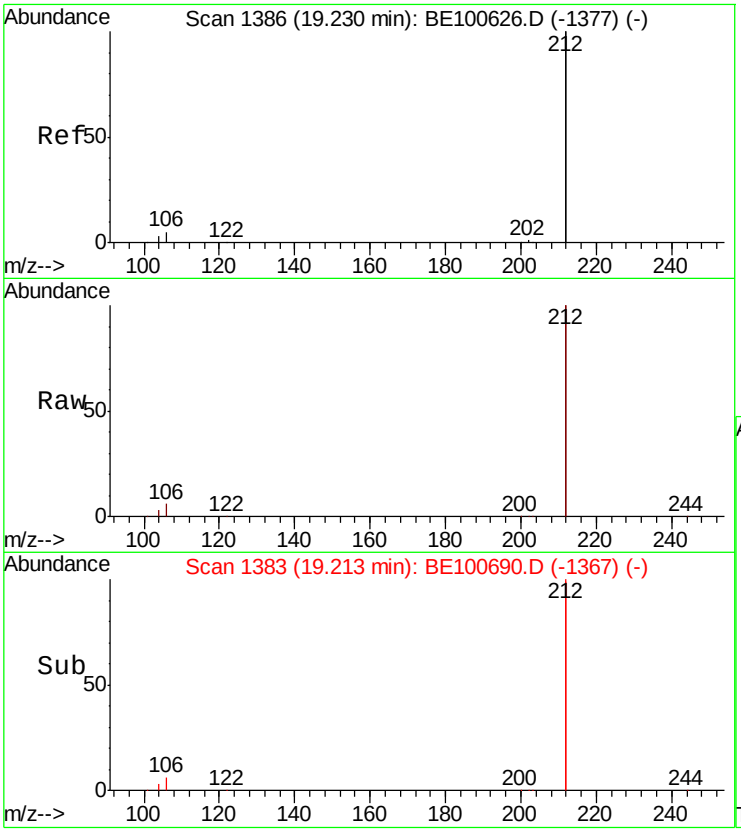




#23
Phenanthrene
Concen: 0.037 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

Tgt Ion:178 Resp: 1384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 20.2 | 15.2 | 22.8 |
| 179 | 13.6 | 12.1 | 18.1 |



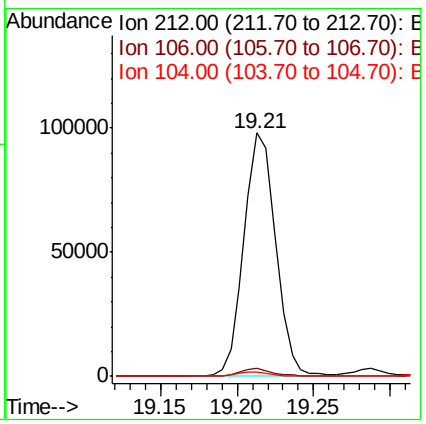


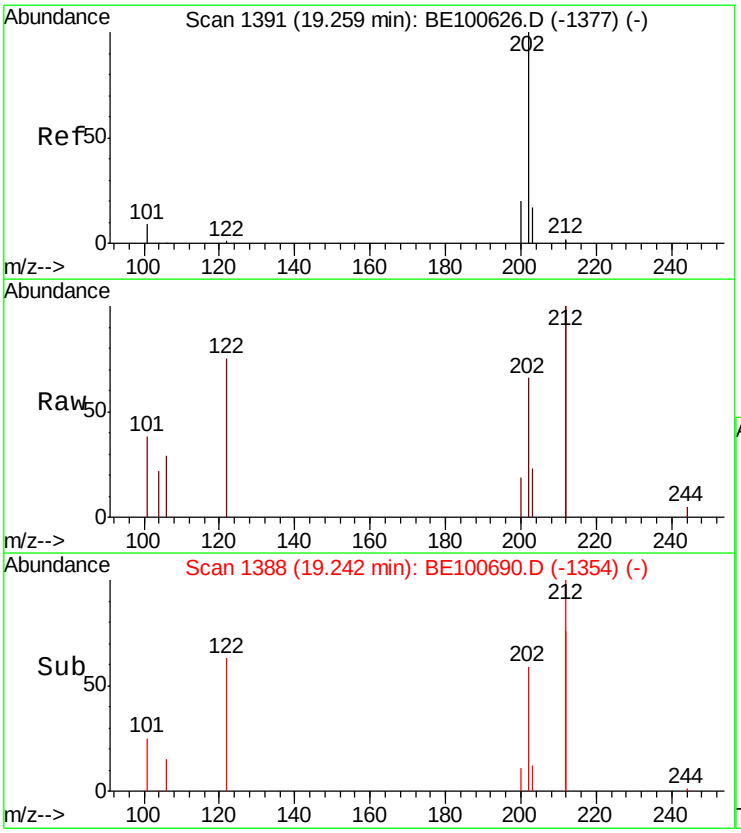

#25
Fluoranthene-d10
Concen: 0.790 ng
RT: 19.21 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:212 Resp: 139978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.2 | 2.3 | 3.5 |
| 104 | 1.7 | 1.3 | 1.9 |

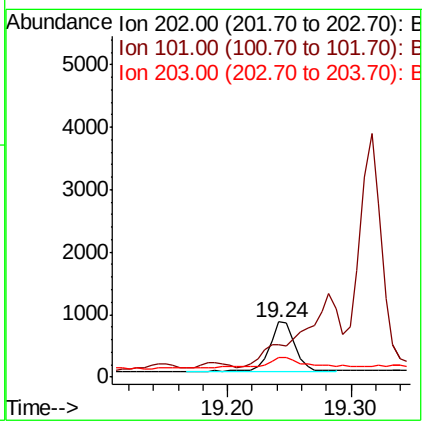


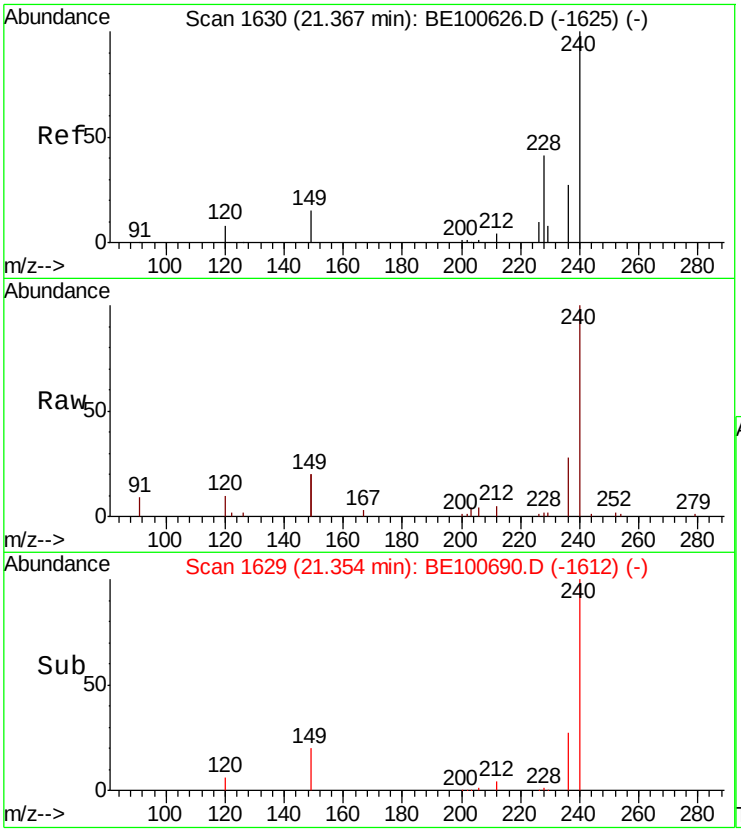




#26
Fluoranthene
Concen: 0.025 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

Tgt Ion:202 Resp: 1210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 0.0 | 8.5 | 12.7# |
| 203 | 36.0 | 13.8 | 20.8# |



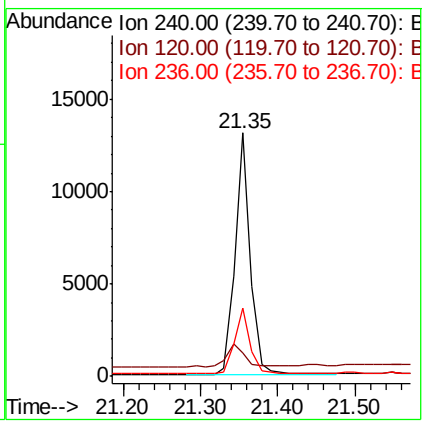


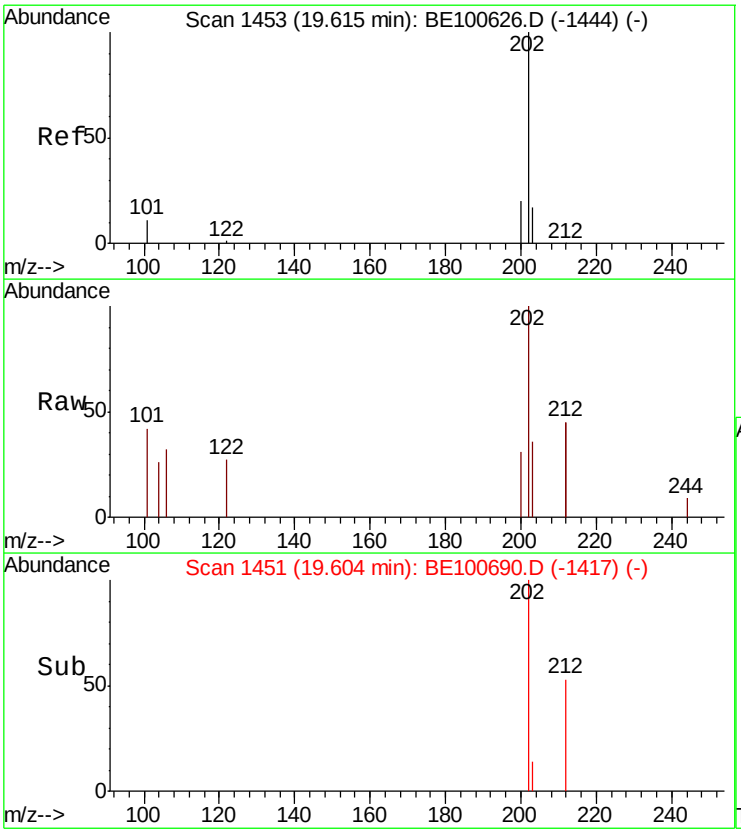

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.35 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:240 Resp: 17978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.7 | 7.6 | 11.4 |
| 236 | 28.2 | 22.1 | 33.1 |

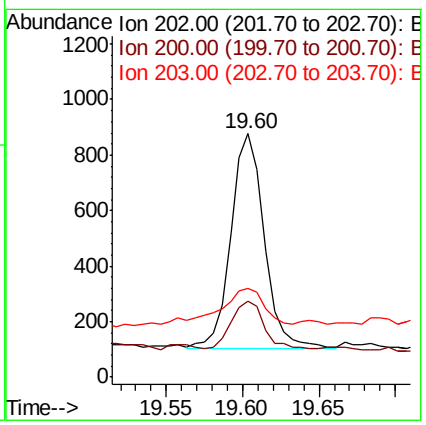


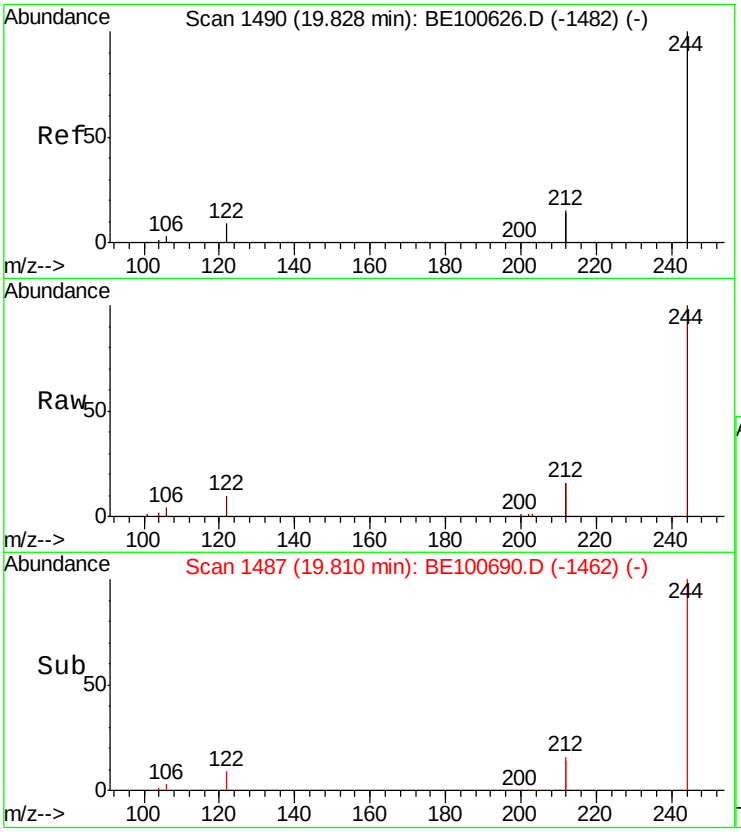




#28
Pyrene
Concen: 0.023 ng
RT: 19.60 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

Tgt Ion:202 Resp: 1176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.7 | 16.7 | 25.1 |
| 203 | 24.0 | 14.0 | 21.0# |



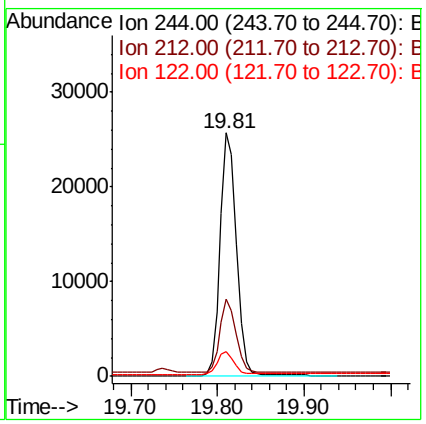


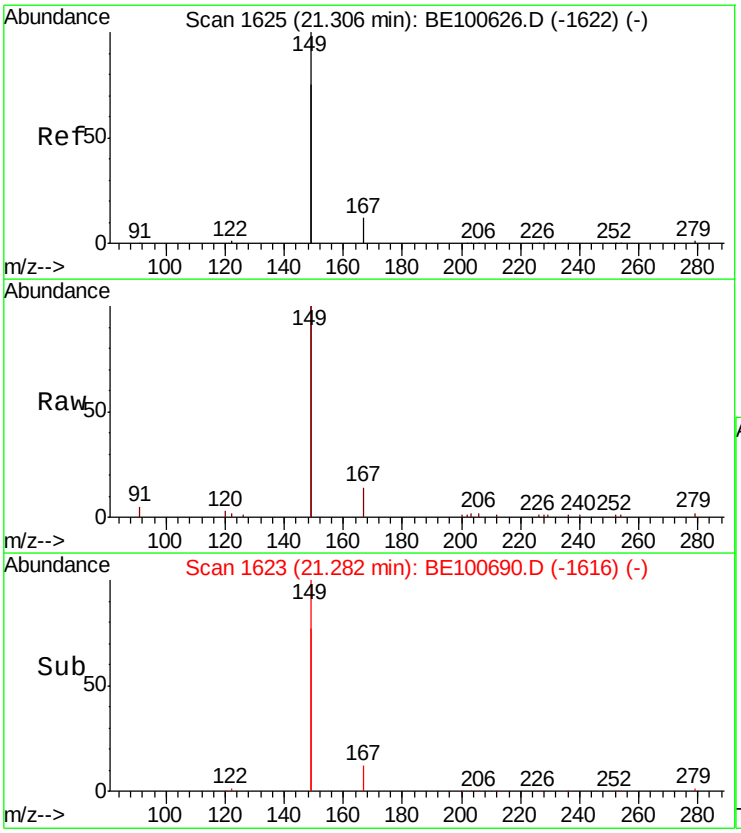

#29
Terphenyl-d14
Concen: 0.847 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:244 Resp: 33276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 31.8 | 23.7 | 35.5 |
| 122 | 10.3 | 7.9 | 11.9 |

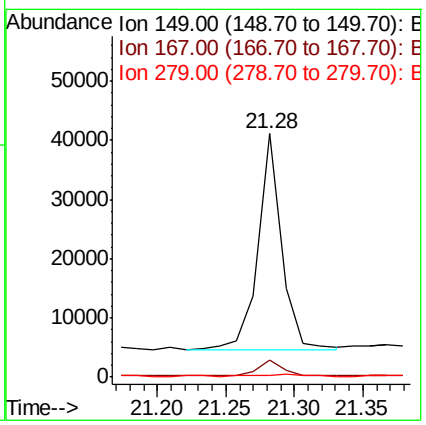


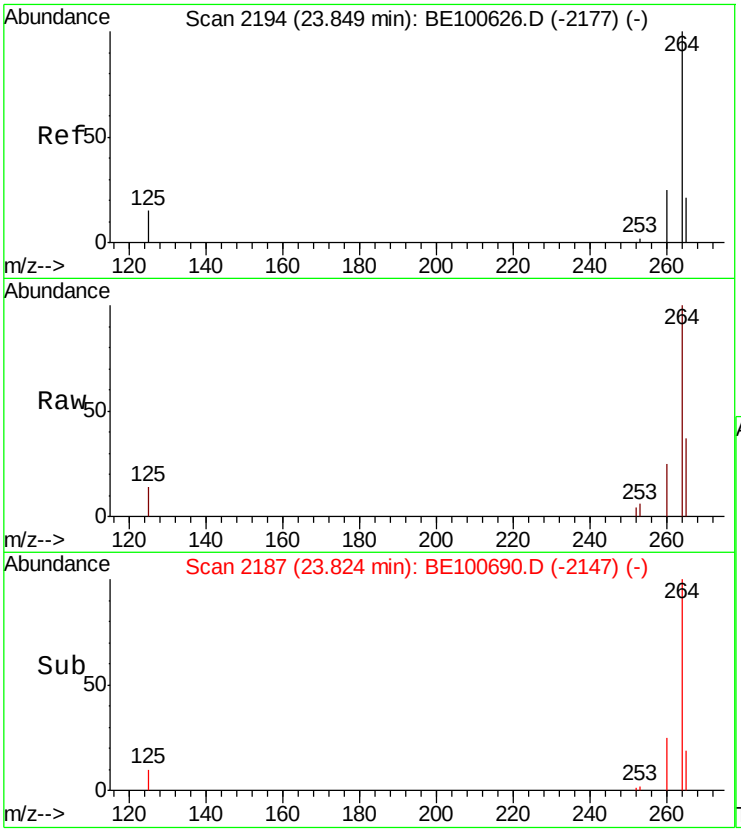




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.352 ng
RT: 21.28 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

Tgt Ion:149 Resp: 43137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.7 | 5.5 | 8.3 |
| 279 | 1.0 | 0.9 | 1.3 |



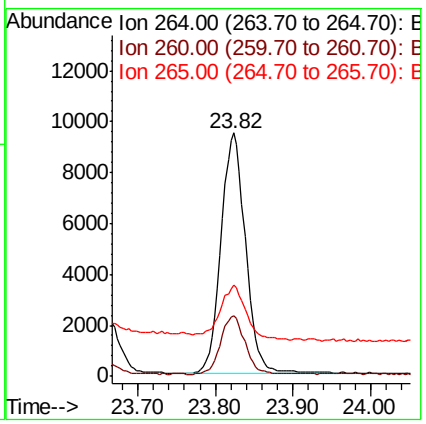


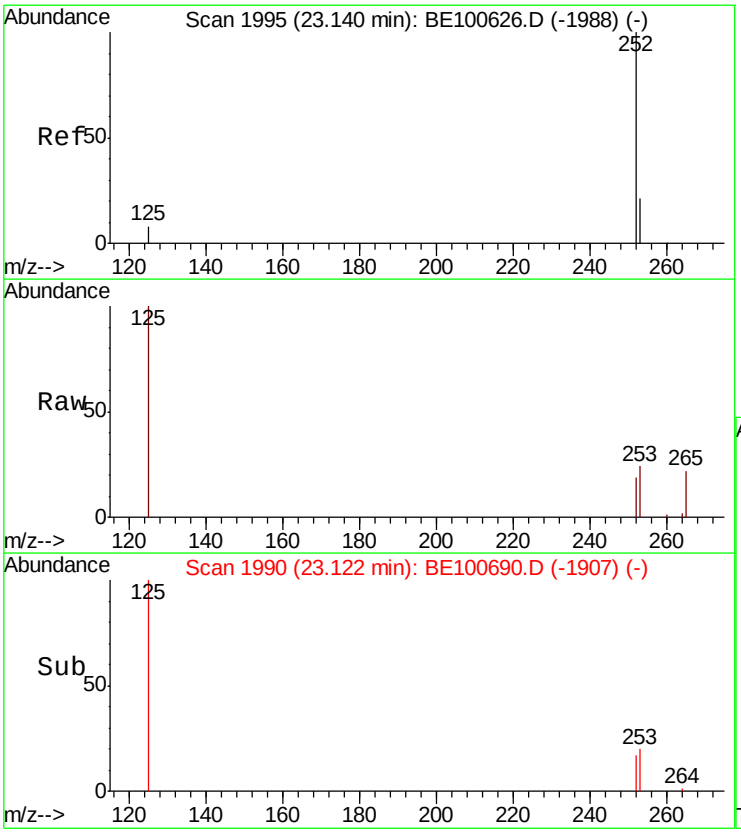

#34
Perylene-d12
Concen: 0.400 ng
RT: 23.82 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

**Instrument :**
BNA_E
**ClientSampleId :**

Tgt Ion:264 Resp: 20780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.9 | 19.4 | 29.2 |
| 265 | 37.3 | 21.7 | 32.5# |




#36
Benzo(k)fluoranthene
Concen: 0.035 ng
RT: 23.12 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BE100690.D
Acq: 29 Oct 2019 1:14

Tgt Ion:252 Resp: 2164

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 123.0 | 18.4 | 27.6# |
| 125 | 520.7 | 11.6 | 17.4# |